

BOARD MEETING DATE: March 4, 2016

AGENDA NO. 32

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee met on Friday, February 19, 2016. Following is a summary of that meeting. The next Mobile Source Committee meeting is scheduled for Friday, March 18, 2016 at 9:00 a.m.

RECOMMENDED ACTION:
Receive and file.

Dr. Clark E. Parker, Sr., Chair
Mobile Source Committee

PMF:afm

Attendance

Committee Chair Dr. Clark E. Parker, Sr. attended via teleconference. Committee Members Ben Benoit, Dr. Joseph Lyou, and Larry McCallon attended at SCAQMD headquarters. Committee Member Judith Mitchell listened by teleconference, but did not participate due to the location not being publicly noticed. Committee Member Shawn Nelson was absent. Dr. Parker called the meeting to order at 9:02 a.m.

ACTION ITEMS:

1) Authorize Staff to Petition U.S. EPA to Adopt Lower On-Road Heavy-Duty Engine Exhaust Emission Standards for NOx

Barbara Baird, Chief Deputy Counsel presented staff's request for authorization to petition U.S. EPA to adopt lower NOx emission standards for heavy-duty trucks. Ms. Baird reviewed the importance of heavy-duty trucks for NOx emissions in the South Coast Air Basin. CARB is planning to adopt a .02 g/bhp-hr NOx standard for trucks sold in California. But most of the emissions from heavy-duty trucks in the Basin come from trucks purchased in other states. Therefore a CARB standard alone will not come close to meeting the region's needs for attainment in 2023 and 2031. A nationwide standard would be much more effective. The federal Administrative

Procedure Act allows any person to petition a federal agency for a rulemaking. The Clean Air Act requires U.S. EPA to give motor vehicle manufacturers four years from the time a new standard is promulgated to begin selling vehicles meeting that standard. So if U.S. EPA adopts a new standard in 2017, it will not be implemented until 2021. This is too late to help significantly for 2023, but could achieve about a 50% reduction in heavy-duty truck NOx emissions by 2031, assuming normal fleet turnover. These benefits could be increased through accelerated retirement and incentive programs. Staff requested the Committee to recommend that staff be authorized to petition U.S. EPA to adopt a nationwide .02 g/bhp-hr standard for heavy-duty trucks by December 2017.

Dr. Parker asked whether SCAQMD has filed such a petition before. Ms. Baird explained that in 2013, SCAQMD petitioned U.S. EPA to adopt a NOx standard for large ocean-going vessels entering the “Emissions Control Area” or “ECA” surrounding the U.S., in the event Russia was successful in setting aside the ECA that had been imposed by an arm of the United Nations. Since the ECA was not set aside, U.S. EPA did not need to rule on the petition. Dr. Lyou noted that the Clean Air Act provision is technology-forcing, but asked staff whether trucks meeting the recommended standards could be developed in the time frame suggested. Dr. Matt Miyasato assured the Committee that the trucks could be developed.

There were no public comments.

Moved by Benoit; seconded by Lyou; unanimously approved.

Ayes: B. Benoit, McCallon, Lyou, Parker

Noes: None

Absent: Mitchell, Nelson

2) Approve Implementation of Three Additional Incentive Programs, Amend an Existing Contract with Mean Green Products, LLC, Expand Implementation Areas, and Allocate Funds for Implementation of U.S. EPA’s Targeted Air Shed Grant

Susan Nakamura, Director of Strategic Initiatives, presented staff’s recommendation on incentive programs for U.S. EPA’s Targeted Air Shed Grant. Committee members Ben Benoit and Dr. Clark Parker asked about previous funding efforts for school buses. Fred Minassian, Assistant Deputy Executive Officer, explained that SCAQMD has provided many millions of dollars in funding to help school districts throughout the South Coast Basin replace older buses. He added that Los Angeles Unified School District (LAUSD) had requested assistance on a large number of pre-1987 bus replacements but the request exceeded available funding. Dr. Lyou inquired how, with SCAQMD fleet rules, could LAUSD still have so many pre-1987 buses. Henry Hogo responded that the fleet rule only applies to new purchases. Dr.

Parker said that he had concerns about utilizing the funds for buses when EJ communities are interested in PEV charging systems. He stated that we need to think about how we are spending the grant money and direct additional funds to PEV systems. Executive Officer Dr. Barry Wallerstein acknowledged Dr. Parker's comments and added that there have been extensive negotiations with U.S. EPA on how the money is to be spent and that spending the funds in a timely manner was imperative. Dr. Parker added that the SCAQMD should explore funding the full cost of PEV projects as EJ communities are likely to be unable to afford paying 30 to 40 percent of project costs. Dr. Lyou added that when expanding the projects beyond Boyle Heights, San Bernardino and Western Riverside County, Orange County EJ communities should be considered to provide dispersion of programs to the four counties. Dr. Wallerstein committed to adding Orange County as the next priority for incentive programs.

There were no public comments.

Moved by Lyou; seconded by Benoit; unanimously approved.

Ayes: B. Benoit, McCallon, Lyou, Parker

Noes: None

Absent: Mitchell, Nelson

3) Issue three Program Announcements for the 2016 Lawn Mower Exchange Program

Vasken Yardemian, Senior Staff Specialist, proposed to extend the Lawn Mower Exchange Program by offering similar incentives in fall of 2016 by issuing three Program Announcements to solicit competitive bids from manufacturers of cordless battery-electric lawn mowers at the lowest possible price as well as from licensed scrappers and support service providers to physically handle mowers at the lawn mower exchange events. The Committee voted to approve these Program Announcements.

There were no public comments.

Moved by Benoit; seconded by McCallon; unanimously approved.

Ayes: Parker, Lyou, B. Benoit, McCallon

Noes: None

Absent: Mitchell, Nelson

INFORMATIONAL ITEM:

4) Rule 2202 On-Road Motor Vehicle Mitigation Options Annual Update 2014- 2015

Carol Gomez, Planning and Rules Manager, presented an update for calendar years 2014-2015 for Rule 2202 – On-Road Motor Vehicle Mitigation Options. Rule 2202 requires employers with 250 or more employees to implement an emissions reduction program to reduce mobile source emissions generated by employee commutes during peak hours. Over 1,300 worksites were regulated by this program.

Employers may select one of three program options to comply with Rule 2202: an Employee Commute Reduction Program (ECRP), Emissions Reduction Strategies (ERS), or an Air Quality Investment Program (AQIP). The ECRP requires employers to develop and implement an employee trip reduction program to assist in reaching an average vehicle ridership (AVR) goal. The ERS requires employers to surrender mobile source emission reduction credits; and the AQIP requires payment into a fund which the SCAQMD utilizes to fund mobile source emission reduction projects, such as the leaf blower exchange program. Employer participation in the compliance options and tons/day of emissions reduced was as follows:

2014

- 37% ECRP, 58% ERS, and 5% AQIP
- 2.04 VOC, 1.42 NO_x, and 16.15 CO

2015

- 37% ECRP, 56% ERS, and 7% AQIP
- 1.79 VOC, 1.26 NO_x, and 14.81 CO

In addition to emission reductions, the Rule 2202 program reduced 3 million vehicle miles traveled (VMT) for both 2014 and 2015; funded the leaf blower exchange program; and retired emission credits that were surrendered from the ERS option.

Dr. Lyou noted that the emission reductions were lower in 2015 than in 2014. Ms. Gomez responded that it is a result of cars becoming cleaner with time.

There were no public comments.

WRITTEN REPORTS:

5) Rule 2202 Activity Report

The report was received as submitted.

**6) Monthly Report on Environmental Justice Initiatives – CEQA Document
Commenting Update**

The report was received as submitted.

OTHER BUSINESS:

None.

PUBLIC COMMENT:

None.

The meeting was adjourned at 9:54 a.m.

Attachment

Attendance Roster

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE COMMITTEE MEETING
Attendance Roster – February 19, 2016**

NAME	AFFILIATION
Dr. Clark E. Parker (teleconference)	SCAQMD Governing Board
Dr. Joseph Lyou	SCAQMD Governing Board
Councilmember Ben Benoit	SCAQMD Governing Board
Mayor Larry McCallon	SCAQMD Governing Board
Board Consultant Mark Abramowitz	SCAQMD Governing Board (Lyou)
Board Assistant David Czamanske	SCAQMD Governing Board (Cacciotti)
Board Assistant Chung Liu	SCAQMD Governing Board (Mitchell)
Board Assistant Ron Ketcham	SCAQMD Governing Board (McCallon)
Board Assistant Ruthanne Taylor Berger	SCAQMD Governing Board (Benoit)
Curtis Coleman	SoCal Air Quality Alliance
Noel Muyco	SoCal Gas
Bill Quinn	CCEEB
David Rothbart	Los Angeles County Sanitation Districts
Erin Sheehy	Environmental Compliance
Susan Stark	Tesoro
Tara Tisopulos	Orange County Transportation Authority
Lee Wallace	SoCal Gas
Philip Fine	SCAQMD Staff
Barbara Baird	SCAQMD Staff
Henry Hogo	SCAQMD Staff
Fred Minassian	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Jill Whynot	SCAQMD Staff
Sam Atwood	SCAQMD Staff
David De Boer	SCAQMD Staff
Jo Kay Ghosh	SCAQMD Staff
Carol Gomez	SCAQMD Staff
Lane Garcia	SCAQMD Staff
Kathryn Higgins	SCAQMD Staff

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE COMMITTEE MEETING
Attendance Roster – February 19, 2016**

Michael Krause	SCAQMD Staff
Ian MacMillan	SCAQMD Staff
Chris Marlia	SCAQMD Staff
Michael Morris	SCAQMD Staff
Susan Nakamura	SCAQMD Staff
Dean Saito	SCAQMD Staff
Antonio Thomas	SCAQMD Staff
Kim White	SCAQMD Staff
Vasken Yardemian	SCAQMD Staff